

FILE 'HOME' ENTERED AT 11:28:53 ON 12 JUN 2006

=> index all

FILE 'ENCOMPLIT2' ACCESS NOT AUTHORIZED

FILE 'ENCOMPPAT2' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |
| 0.21 | 0.21 |

FULL ESTIMATED COST

INDEX 'ABI-INFORM, ADISCTI, AEROSPACE, AGRICOLA, ALUMINIUM, ANABSTR, ANTE, APOLLIT, AQUALINE, AQUASCI, AQUIRE, BABS, BIBLIODATA, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CEABA-VTB, CERAB, CHEMINFORMRX, CHEMSAFE, ...'

ENTERED AT 11:29:03 ON 12 JUN 2006

135 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> s (smn or (survival motor neuron) or smnt) AND (clon? or amplif? or pcr or (polymerase (2a) chain))

1 FILE AEROSPACE

3 FILE AGRICOLA

9 FILES SEARCHED...

8 FILE BIOENG

133 FILE BIOSIS

20 FILE BIOTECHABS

16 FILES SEARCHED...

20 FILE BIOTECHDS

90 FILE BIOTECHNO

7 FILE CABA

157 FILE CAPLUS

23 FILES SEARCHED...

1 FILE CEABA-VTB

4 FILE COMPENDEX

2 FILE CONFSCI

34 FILES SEARCHED...

323 FILE DGENE

42 FILES SEARCHED...

8 FILE DISSABS

1 FILE DRUGU

1 FILE ELCOM

2 FILE EMBAL

144 FILE EMBASE

3 FILE ENERGY

70 FILE EPFULL

56 FILES SEARCHED...

69 FILE ESBIOBASE

1 FILE FRANCEPAT

21 FILE FRFULL

12 FILE GBFULL

403 FILE GENBANK

65 FILES SEARCHED...

31 FILE IFIPAT

2 FILE INIS

3 FILE INPADOC

5 FILE INSPEC

2 FILE INSPHYS

2 FILE INVESTEXT

2 FILE JAPIO

80 FILES SEARCHED...

7 FILE JICST-EPLUS

27 FILE LIFESCI

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213 FILE MEDLINE
2 FILE NLDB
59 FILE PASCAL
96 FILES SEARCHED...
10 FILE PATDPAFULL
180 FILE PCTFULL
1 FILE PHIN
5 FILE PROMT
1 FILE RDISCLOSURE
110 FILES SEARCHED...
146 FILE SCISEARCH
1 FILE SOLIDSTATE
56 FILE TOXCENTER
193 FILE USPATFULL
18 FILE USPAT2
128 FILES SEARCHED...
19 FILE WPIDS
19 FILE WPINDEX
133 FILES SEARCHED...

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49 FILES HAVE ONE OR MORE ANSWERS, 135 FILES SEARCHED IN STNINDEX

L1 QUE (SMN OR (SURVIVAL MOTOR NEURON) OR SMNT) AND (CLON? OR AMPLIF? OR PCR OR (POLYMERASE (2A) CHAIN))

=> file medline caplus biossi

'BIOSSI' IS NOT A VALID FILE NAME

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

ENTER A FILE NAME OR (IGNORE):biossi

'BIOSSI' IS NOT A VALID FILE NAME

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

ENTER A FILE NAME OR (IGNORE):biosis

COST IN U.S. DOLLARS

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |
| 4.88 | 5.09 |

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 11:33:34 ON 12 JUN 2006

FILE 'CAPLUS' ENTERED AT 11:33:34 ON 12 JUN 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE 'BIOSIS' ENTERED AT 11:33:34 ON 12 JUN 2006

Copyright (c) 2006 The Thomson Corporation

=> s (smn or' (survival motor neuron) or smnt) AND (clon? or amplif? or pcr or (polymerase (2a) chain))

L2 503 (SMN OR (SURVIVAL MOTOR NEURON) OR SMNT) AND (CLON? OR AMPLIF? OR PCR OR (POLYMERASE (2A) CHAIN))

=> dup remove l2

PROCESSING COMPLETED FOR L2

L3 327 DUP REMOVE L2 (176 DUPLICATES REMOVED)

=> s l3 and (bac? or insect)

L4 39 L3 AND (BAC? OR INSECT)

=> s l3 and ((reverse (2a) transcri?) (p) (pcr or (polymerase (a) chain) or amplif?))

L5 58 L3 AND ((REVERSE (2A) TRANSCRI?) (P) (PCR OR (POLYMERASE (A)
CHAIN) OR AMPLIF?))

=> s l5 and l4

L6 10 L5 AND L4

=> dup remove l6

PROCESSING COMPLETED FOR L6

L7 10 DUP REMOVE L6 (0 DUPLICATES REMOVED)

=> d ti 1-10

L7 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

TI Methods for RT-PCR-based cloning of human SMN
gene associated with spinal muscular atrophy for use in diagnosis and
therapy

L7 ANSWER 2 OF 10 MEDLINE on STN

TI SMN mRNA and protein levels in peripheral blood: biomarkers for
SMA clinical trials.

L7 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

TI RT-PCR-based cloning of human SMN, the SMA
determining gene, and the construction of its expression plasmids

L7 ANSWER 4 OF 10 MEDLINE on STN

TI A clinical, magnetic resonance imaging, and survival
motor neuron gene deletion study of Hirayama disease.

L7 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

TI Gene expression profiles and biomarkers for the detection of Chagas
disease and other disease-related gene transcripts in blood

L7 ANSWER 6 OF 10 MEDLINE on STN

TI Cloning and characterization of rat neuronal apoptosis
inhibitory protein cDNA.

L7 ANSWER 7 OF 10 MEDLINE on STN

TI Premature termination mutations in exon 3 of the SMN1 gene are associated
with exon skipping and a relatively mild SMA phenotype.

L7 ANSWER 8 OF 10 MEDLINE on STN

TI The human centromeric survival motor neuron
gene (SMN2) rescues embryonic lethality in Smn(-/-) mice and
results in a mouse with spinal muscular atrophy.

L7 ANSWER 9 OF 10 MEDLINE on STN

TI A mouse model for spinal muscular atrophy.

L7 ANSWER 10 OF 10 MEDLINE on STN

TI Quantitative analysis of survival motor neuron
copies: identification of subtle SMN1 mutations in patients with spinal
muscular atrophy, genotype-phenotype correlation, and implications for
genetic counseling.

=> d bib kwic 10

L7 ANSWER 10 OF 10 MEDLINE on STN

AN 1999223427 MEDLINE

DN PubMed ID: 10205265

TI Quantitative analysis of survival motor neuron
copies: identification of subtle SMN1 mutations in patients with spinal
muscular atrophy, genotype-phenotype correlation, and implications for
genetic counseling.

AU Wirth B; Herz M; Wetter A; Moskau S; Hahnen E; Rudnik-Schoneborn S;
Wienker T; Zerres K

CS Institute of Human Genetics, Wilhelmstrasse 31, D-53111 Bonn, Germany..
bwirth@uni-bonn.de

SO American journal of human genetics, (1999 May) Vol. 64, No. 5, pp.
1340-56.
Journal code: 0370475. ISSN: 0002-9297.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

OS GENBANK-U80017

EM 199905

ED Entered STN: 1 Jun 1999
Last Updated on STN: 19 Sep 2002
Entered Medline: 20 May 1999

TI Quantitative analysis of survival motor neuron
copies: identification of subtle SMN1 mutations in patients with spinal
muscular atrophy, genotype-phenotype correlation, and implications for
genetic counseling.

AB . . . atrophy (SMA) who do not show the most common mutation:
homozygous absence of at least exon 7 of the telomeric survival
motor neuron gene (SMN1). Here we present molecular
genetic data for 42 independent nondeleted SMA patients. A nonradioactive
quantitative PCR test showed one SMN1 copy in 19 patients (45%).
By sequencing cloned reverse-transcription
(RT) PCR products or genomic fragments of SMN1, we identified
nine different mutations in 18 of the 19 patients, six described for. .
. in 6 (33%) of 18 patients. Each intragenic mutation found in at least
two patients occurred on the same haplotype background,
indicating founder mutations. Genotype-phenotype correlation allowed
inference of the effect of each mutation on the function of the SMN1
protein. . . .

CT

Genetic Counseling
Genotype
Heterozygote Detection
Humans
Molecular Sequence Data
*Muscular Atrophy, Spinal: GE, genetics
*Nerve Tissue Proteins: GE, genetics
Phenotype
Polymerase Chain Reaction
RNA-Binding Proteins
Research Support, Non-U.S. Gov't

CN 0 (Cyclic AMP Response Element-Binding Protein); 0 (Nerve Tissue
Proteins); 0 (RNA-Binding Proteins); 0 (SMN protein (spinal
muscular atrophy))

=> d his

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 69 FILE ESBIODBASE
 1 FILE FRANCEPAT
 21 FILE FRFULL
 12 FILE GBFULL
 403 FILE GENBANK
 31 FILE IFIPAT
 2 FILE INIS
 3 FILE INPADOC
 5 FILE INSPEC
 2 FILE INSPHYS
 2 FILE INVESTEXT
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L1 QUE (SMN OR (SURVIVAL MOTOR NEURON) OR SMNT) AND (CLON? OR AMPL

FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 11:33:34 ON 12 JUN 2006

L2 503 S (SMN OR (SURVIVAL MOTOR NEURON) OR SMNT) AND (CLON? OR AMPLIF
 L3 327 DUP REMOVE L2 (176 DUPLICATES REMOVED)
 L4 39 S L3 AND (BAC? OR INSECT)
 L5 58 S L3 AND ((REVERSE (2A) TRANSCRI?) (P) (PCR OR (POLYMERASE (A)
 L6 10 S L5 AND L4
 L7 10 DUP REMOVE L6 (0 DUPLICATES REMOVED)

=> s l3 and bac?

L8 37 L3 AND BAC?

=> s l3 and (baculovirus)

L9 2 L3 AND (BACULOVIRUS)

=> d ti 1-2

L9 ANSWER 1 OF 2 MEDLINE on STN

TI Cloning and characterization of rat neuronal apoptosis
inhibitory protein cDNA.

L9 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

TI Methods for RT-PCR-based cloning of human SMN
gene associated with spinal muscular atrophy for use in diagnosis and
therapy

=> d bib 1

L9 ANSWER 1 OF 2 MEDLINE on STN

AN 2003040487 MEDLINE

DN PubMed ID: 12547647

TI Cloning and characterization of rat neuronal apoptosis
inhibitory protein cDNA.

AU Shin Song-Woo; Lee Min-Young; Kwon Gee-Youn; Park Jong-Wook; Yoo Min; Kim
Soo-Kyung; Oh Tae-Hwan; Choe Byung-Kil

CS College of Medicine, Institute for Medical Science, Kosin University, 34
Amnamdong, Seo-Gu, Busan 602-702, South Korea.

SO Neurochemistry international, (2003 May) Vol. 42, No. 6, pp. 481-91.
Journal code: 8006959. ISSN: 0197-0186.

CY England: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

OS GENBANK-AF361881

EM 200305

ED Entered STN: 28 Jan 2003

Last Updated on STN: 9 May 2003

Entered Medline: 8 May 2003

=> d kwic 1

L9 ANSWER 1 OF 2 MEDLINE on STN

TI Cloning and characterization of rat neuronal apoptosis
inhibitory protein cDNA.

AB . . . motor neuron loss and progressive paralysis with muscular
atrophy. Although SMA is now known to be caused by deletions of
survival motor neuron (SMN), the
fact that NAIP is an anti-apoptotic protein is consistent with the NAIP
gene modifying SMA severity. Here we report the cloning of a
1.5 kb rat NAIP cDNA fragment which contains BIR-3 (third
baculovirus inhibitory repeat) domain. This fragment shows 78%
homology to the human NAIP and 86% homology to the murine counterpart. We
have investigated the distribution of NAIP mRNA expressing neurons by in
situ RT-PCR technique in the rat central nervous system (CNS).
Although all of the neurons appeared to express NAIP mRNA ubiquitously,
pronounced. . .

CT Amino Acid Sequence

Animals

Base Sequence

Central Nervous System: ME, metabolism

Cloning, Molecular

DNA, Complementary

Immune Sera

Immunohistochemistry

Molecular Sequence Data

Nerve Tissue Proteins: CH, chemistry

*Nerve Tissue Proteins: GE, genetics

. . Proteins: IM, immunology

Neuronal Apoptosis-Inhibitory Protein

*Neurons: ME, metabolism

RNA, Messenger: GE, genetics